



7260 SHADELAND STATION
INDIANAPOLIS, INDIANA
46256-3957

(317) 547-5580
FAX (317) 543-0270
www.amercons.com

JAMES A. WURSTER, PE, AIA, LS
WILLIS R. CONNER, PE
JAMES A. KOVACS
GREGORY L. HENNEKE, PE
CHARLES P. UNTERREINER, PE, PS
RANDAL J. SAGE, PE
MARLIN A. KNOWLES, JR., PE

MAX P. NEWKIRK, LS
A. ROY SHURTLEFF, PE
MICHAEL H. WENNING, PE
CLINTON L. SPARKS, PE
GORDON L. RICHARDSON, LS
DAVID A. DAY, PE
MICHAEL R. HOOPINGARNER, AIA
MICHAEL M. JONES, AIA
CYNTHIA L. FORT, PE
ROBERT E. HITTLE
MICHAEL J. KOYAK, PE
FRED M. FACKENTHAL, AIA
STEVEN R. BRUNS, PE
ROBERT E. CREVISTON, JR., AIA
EDWARD J. SWEETLAND, LS
CASH E. CANFIELD, PE
DONALD G. CORSON, PE
ALEX FETAHAGIC, PE
JAMIE L. POCZEKAY, PE, LS
MICHAEL B. CLINE, PE
M. SEAN PORTER, PE
WEBB BERNHARDT, PE
WILLIAM J. BOUCHER, PE
CHRISTOPHER F. MURPHY, PE
GREGORY R. SUSEMICHEL, PE
KATHLEEN M. BERGER, RLA
MICHAEL T. LATZ, PE
RUSSELL L. BUECHE, AIA
JOHN N. HOOD, LS
ANDREW D. RENTSCHLER, PE
JENNIFER M. ALFORD, PE
MICHAEL L. BISHOP, LS
DAVID C. GEORGE, PE
CRAIG M. PARKS, PE
GERRY S. MANG, CFEI
CHRISTINE A. MEADOR
ANDREW D. SNYDER, PE
WILLIAM S. LYON, PE
KEVIN G. JASINSKI, PE
ANDREW H. GERDOM, PE, LS
DANIEL L. WEINHEIMER, AIA
WALID A. ANTONIOS, PE
TIMOTHY J. DICKSON, PE, SE
JOHN A. LASHENIK, PE
GARY P. DORN, PE
JOHN J. TUCKER, PE
RICHARD J. ZIELINSKI, PE
CHAD S. RUNDLE, PE
RICHARD M. BICHETTE, PE
STEVEN G. HANSCOM, AIA
PAUL A. JOHNSON, LPG
SCOTT C. NOYER, PE
BRAD L. BOBICH, PE
D.J. O'TOOLE, PE
BRYAN J. MOLL, LS
EDWARD L. SPAHR III, PE
STEPHEN J. SPITZER, PE
FRANK J. ARANSKY, PE
JEREMY L. GREINARD, PE
CRAIG W. FORGEY, PE
RUI ZHANG, PE
WING H. LAU, PE
CHRISTOPHER L. BETTINGER, PE
JOSEPH W. GRINSTEAD, JR., PE
JERRY D. BARNES, PE

REGISTRATION

INDIANA - OHIO
AL - AR - AZ - CA - CO - CT
FL - GA - IA - ID - IL - KS
KY - LA - MA - MD - ME
MI - MN - MO - MS - NC
NE - NJ - NY - PA - SC - SD
TN - TX - VA - WA - WI - WV

OFFICES

INDIANAPOLIS, IN
COLUMBUS, OH
SOUTH BEND, IN

AMERICAN CONSULTING, INC.

Architects
Consultants
Engineers

June 2, 2005

Program Manager
Lake Michigan Coastal Program
402 West Washington Rm. West 267
Indianapolis, Indiana 46204

Re: IDNR Permit No. FW-23349
Federal Consistency Determination Request
US Steel WWTP Demolition
Porter County, Indiana
ACE Project No. IN20050161

To Whom It May Concern:

American Consulting, Inc., has been contracted by the City of Portage to prepare plans and conduct permitting for the proposed demolition of the United States Steel Wastewater Treatment Plant in Portage, Porter County, Indiana.

The WWTP plant parcel, recently purchased by the National Park Service, is an approximate 55-acre parcel of lakefront property purchased from National Steel. The parcel is located on the west side of Burns Ditch at Lake Michigan, Portage, Porter County, Indiana. At the time of the purchase, National Steel owned and operated the steel mill on the east side of Burns Ditch, as well as a domestic (non-industrial) wastewater treatment plant on the west side of Burns Ditch. United States Steel purchased the mill from National Steel, and the National Park Service purchased the tract containing the domestic wastewater treatment plant. US Steel has leased the wastewater treatment plant from the National Park Service since the National Park Service purchased the tract. The City of Portage and US Steel have reached an agreement for the mill's domestic wastewater to be treated at the City's wastewater treatment facility, so the wastewater treatment plant can be demolished and the parcel returned to its native state. The City of Portage is responsible for the demolition of the plant and has hired American Consulting, Inc., to prepare plans for the demolition. The project is being funded by a Section 219 Grant, which was administered by the US Corps of Engineers' Chicago District.

The proposed project consists of removing all man-made items from the site, except those used for erosion control and channel stabilization such as the sheet pile wall. Therefore, the entire treatment plant, steel and concrete buildings, concrete tanks, pumps, pipes, and electrical equipment will be removed from the land and disposed of in a proper manner. The excavations remaining after the demolition work is completed will be backfilled with native materials. The site will be "sprigged" with native grasses to establish vegetative cover on all disturbed areas.

The project also includes removal of a steel pipe bridge that spans Burns Ditch to carry utility lines from the mill site (east side of Burns Ditch) to the treatment plant site (west side of Burns Ditch). The pipes and bridge will be completely removed, including the piers supporting the bridge. The work to demolish the bridge and piers will require a large barge on the waterway to support the bridge during the removal process and to pull the piers. It is possible that navigation on the waterway may be restricted during the removal of the bridge and piers due to the presence of the barge and/or construction operation hazards. The plans for the demolition and restoration indicate that no fill will be placed in the floodway and no sediment will be removed from the channel.

AMERICAN CONSULTING, INC.

June 2, 2005

Page 2

It is expected that the pipe bridge removal will take place in the late fall of 2005 and will require approximately one week for complete removal. It is proposed that floating silt screens be placed around each support pier during its removal. By placing the silt screen around each pier as it is removed, the disruption of the channel will be minimized during the fish migration period.

An Indiana Department of Natural Resources Construction in the Floodway Permit application (FW-23349) was filed electronically on May 3, 2005, and is currently in the review process. Because the removal of the pipe bridge is scheduled to take place before the end of November, a variance request to the standard special condition of restriction on waterway work (March 15 through June 15 and July 16 through November 30) was also made as part of the information submitted in support of the permit.

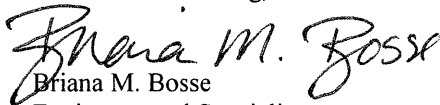
Because this project is being funded by a Section 219 Grant and is located in the Lake Michigan Coastal Program Area, we are requesting a Federal Consistency Determination. The proposed activity associated with the demolition of the US Steel WWTP complies with Indiana's approved coastal management program and will be conducted in a manner consistent with the program.

We are providing the following material in support of our Federal Consistency Determination Request.

1. A copy of the application for federal assistance
2. Project Location Map - USGS 7½ Minute Series Topographic Map
3. Project Location Map – Project Site Map (2003 Aerial Photography)
4. One half-sized set of plans
5. Project photographs and orientation map

Thank you for your cooperation in the review of this project. Please contact us with any questions or comments you may have regarding the enclosed material.

Very truly yours,
American Consulting, Inc.


Briana M. Bosse
Environmental Specialist

BMB: rkm

enclosure

cc: Kim Fisher, USACOE
Imad Samara, USACOE
Cindy Fort, ACE



City of Portage Department of Public Works

6070 CENTRAL AVENUE • PORTAGE, INDIANA 46368
Telephone (219) 762-4204 Fax: (219) 764-5749

DOUGLAS W. OLSON
MAYOR

CRAIG L. HENDRIX, P.
DIRECTOR

January 28, 2005

Office of Congressman Peter J. Visclosky
Attention: Elizabeth Johnson
701 East 83rd Avenue, Suite 9
Merrillville, IN 46410

Subject: Fiscal Year 2006 Grant Funding

Dear Ms. Johnson:

Attached is a completed Application for Federal Funding for Fiscal Year 2006. As you can see, we wish to continue to expand and upgrade our existing wastewater treatment facility. We appreciate the assistance the Congressman has already provided and the opportunity to submit for additional funding. If you have any questions, feel free to contact us.

Very truly yours,

A handwritten signature in cursive script that reads "Craig Hendrix".

Craig Hendrix, P.E.
Director

CH/ch

Pc: Mayor Olson

BUILDING — CODE ENFORCEMENT — ENGINEERING



Fiscal Year 2006 Application for Federal Funding

Please type

Application submitted by:

City of Portage, Indiana

Name of City/Town applying for funding

6070 Central Avenue

Portage, IN

46368

Porter

Mailing Address

City/State

Zip

County

Point of Contact:

Mr. Craig Hendrix, P.E.

City Engineer

Name

Title

Mailing Address (if different from above)

City/State

Zip

County

(219) 762-4204

(219) 762-5749

Phone

fax

Application Information:

Type of Application:



New



Continuation

If continuation, how much federal funding has been received in the past, and what is the amount that has not been obligated? \$3,000,000.00, which was granted for fiscal year 2005, so none of it has been obligated.

Project Information:

Type of Project:



sewer/water



transportation



flood control



agriculture



crime fighting



education/health



infrastructure



other

Start Date of Project: 9/15/04

End Date of Project: 6/15/07

Amount of Federal Funding requested for this project: \$ 4,5000,000

Estimated local cost share for this project: \$ 1,500,000

Origin of local funding: sewer user fees, revenue bonds, in-kind services provided by the employees
Bonding authority, excess revenue, etc.

Please describe the geographic boundaries delineated by this project: City of Portage

Application continues on the back of this form.

Note: In order for your request to be considered, this application must be filled out in its entirety and returned no later than February 1, 2005

This fax was received by GFI FAXmaker fax server. For more information, visit: <http://www.gfi.com>

Fiscal Year 2006 Application for Federal Funding

Please provide a detailed description of the project for which you are requesting federal funds. Description must be limited to one page.

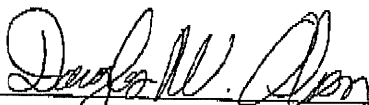
The United States Army Corps of Engineers initially received authorization for the Calumet Regional Environmental Infrastructure Program in the Water Resource Development Act of 1998 to assist communities with sewer technical planning, design assistance, and construction. It is the City of Portage's desire to have Congressman Visclosky secure federal funding from this program to support its efforts for continued water quality improvements by funding needed improvements to the existing water infrastructure in the amount of 4.5 million dollars.

The City of Portage is grateful for the opportunity to make you aware of our desire to expand our existing wastewater infrastructure to support the National Park Service's recent acquisition of additional lakeshore as well as to accommodate the industrial users and our growing residential population. As you know, The City of Portage has been working with the National Park Service by improving lift stations and the demolition of the old National Steel wastewater treatment plant. This work as well as improvements to the tertiary effluent filters will be completed using local revenue and the funds received through this grant program in fiscal year 2005. The receipt of these grant funds greatly enhanced our ability to improve water quality, expand our services, enhance recreational opportunities at the lakeshore and maintain rates that help attract business and industry to Portage.

This grant application is for the second phase of needed improvements at the existing Water Reclamation Facility. The second phase of the facility improvements is to expand the biosolids facility to accommodate the increased biosolids production associated with increased flows and to produce a Class A "exceptional quality" biosolids material for beneficial reuse in the community. This work will be a continuation of the work we started in 2003 to evaluate our facilities and upgrade them so we may continue to produce a high quality effluent to the benefit of our Citizens and visitors to the National Lake Shore.

Authorization:

The Mayor or the highest-ranking elected official within your jurisdiction must sign this form.



Douglas W. Olson, Mayor

Date

Note: In order for your request to be considered, this application must be filled out in its entirety and returned no later than February 1, 2005.

This fax was received by GFI FAXmaker fax server. For more information, visit: <http://www.gfi.com>

10 May 2005

**Calumet Region Environmental Infrastructure
City of Portage
Demolition and Removal of National Steel Wastewater Treatment Plant
Letter Report**

AUTHORIZATION.

The project is authorized under Section 219 of the Water Resources Development Act (WRDA) 1992, as amended by Section 504 of WRDA 1996, Section 502 of WRDA 1999, and by Section 108 the Consolidated Appropriations Act of 2001. Section 219, as amended, allows the Army Corps of Engineers to provide planning, design and construction assistance for carrying out water-related environmental infrastructure projects in select areas. Such needs may be related to (but not limited to) development and protection of water supply systems and wastewater systems, combined sewer overflows, remediation of adverse water quality impacts, and remediation of stormwater impacts on wastewater systems.

NON-FEDERAL SPONSOR. City of Portage, Indiana.

CONGRESSIONAL DISTRICT.

1st Congressional District in Indiana represented by Peter J. Visclosky.

PROJECT LOCATION.

The project is located in the City of Portage, Porter County, Indiana. The project has three phases at different locations (see map). This project phase is located west of Burns Waterway, located in section 25 of T37N R7W. It is adjacent to the Indiana Dunes National Lakeshore.

PROJECT PURPOSE. The City of Portage is undertaking a multi-phase project to help create parkland and upgrade its municipal wastewater treatment plant. A parcel of land adjacent to the Indiana Dunes National Lakeshore has been purchased from US Steel by the National Park Service and is slated to be used as parkland. It contains US Steel's current wastewater treatment plant, which needs to be removed. The City of Portage must improve its environmental infrastructure to receive the wastewater flow that is currently treated at the US Steel plant.

PROJECT DESCRIPTION.

The National Park Service purchased a parcel of lakefront property from United States Steel to be used as parkland. This parcel contains a wastewater treatment plant that serves US Steel. The City of Portage is responsible for the demolition and removal of this plant, and will treat this wastewater at its municipal wastewater treatment facility.

Federal funds will be used for construction. No adverse impacts to wildlife, habitat, water quality, endangered species, human health, or historic properties are anticipated with the proposed project. Alternatives will be explored in the design phase. This project is one phase of one part of the Calumet Region Environmental Infrastructure 219 project. A total of \$3,000,000 of Federal funding has been allocated to the City of Portage Project.

Alternatives considered to achieve project goals include the following:

- No Action Alternative – With no action taken, the parcel of land cannot be used as parkland. The presence of a wastewater treatment plant would prohibit public access.
- Selected Plan – This work concerns the demolition of the existing treatment plant (US Steel), which is on a parcel now owned by the National Park Service. This includes removal of buildings, tanks, pumps, pipes, electrical equipment, and a steel pipe bridge. Alternatives for The excavations remaining after the demolition work will be backfilled and the site will be revegetated with native grasses.
- Other design alternatives would include making the steel pipe bridge into a pedestrian crossing bridge allowing for some public beach access at US Steel on the east side of Burns Waterway.

FINANCIAL CAPABILITY OF SPONSOR.

The 25% financial match will be provided by the City of Portage.

The Sponsor demonstrated financial capability by providing:

- Letter of Intent (LOI) to participate in this cost-sharing project
- Audited report for 2001 through 2002, and for 2003
- City of Portage 2002 and 2003 financial reports
- Portage Water Reclamation Department 2005 Budget, with money set aside under Capital Improvement Fund and the Board's Investment Revenue account. This account is shown in enclosed CTAR-1 (revised 2003) and identified in Part-5 in the Horizon revenue Account.

PROJECT COSTS.

Description	Cost
Decommission and demolish old US Steel wastewater facility	\$467,000
Engineering, Project Management, Construction Observation	\$58,000
Total	\$525,000

FUNDING ISSUES.

Federal Expenditures to execute agreement:	\$25,000
Federal funding available	\$400,000
25% Non-Federal Match required	\$125,000
Total Fed and Non-Fed	\$525,000
 Total Project Cost	 \$525,000
Additional Sponsor funding required	\$0

REAL ESTATE ISSUES.

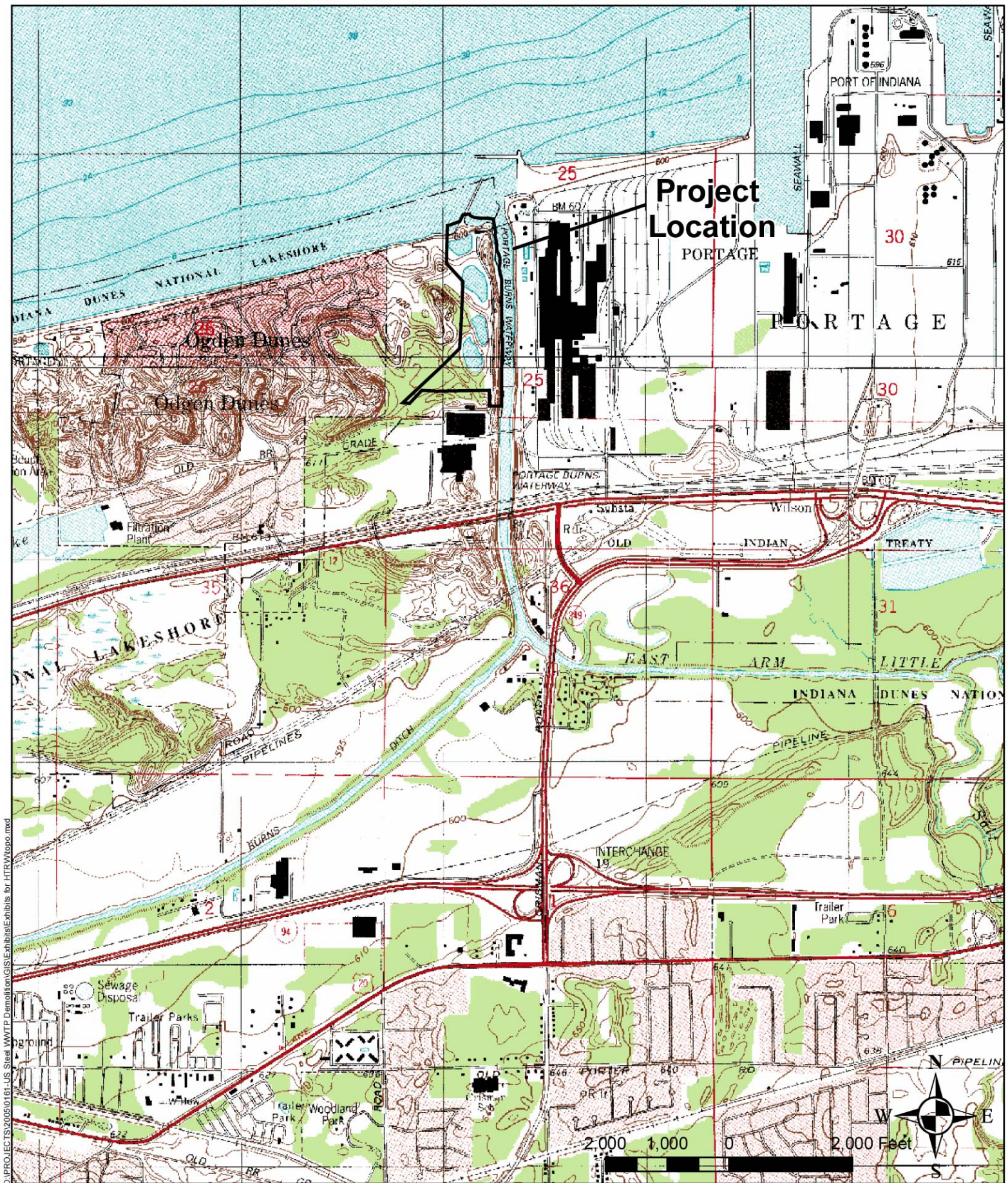
The National Park Service owns all property and easements necessary for project completion. The local sponsor will not be getting credit for LERRD's for this phase of the project. The City of Portage will hold the United States harmless. Since the title is in the name of the United States, no land acquisition will be necessary; however, the National Park Service will have to give the Corps permission to allow the Corps and its contractors entry and use for the period of construction.

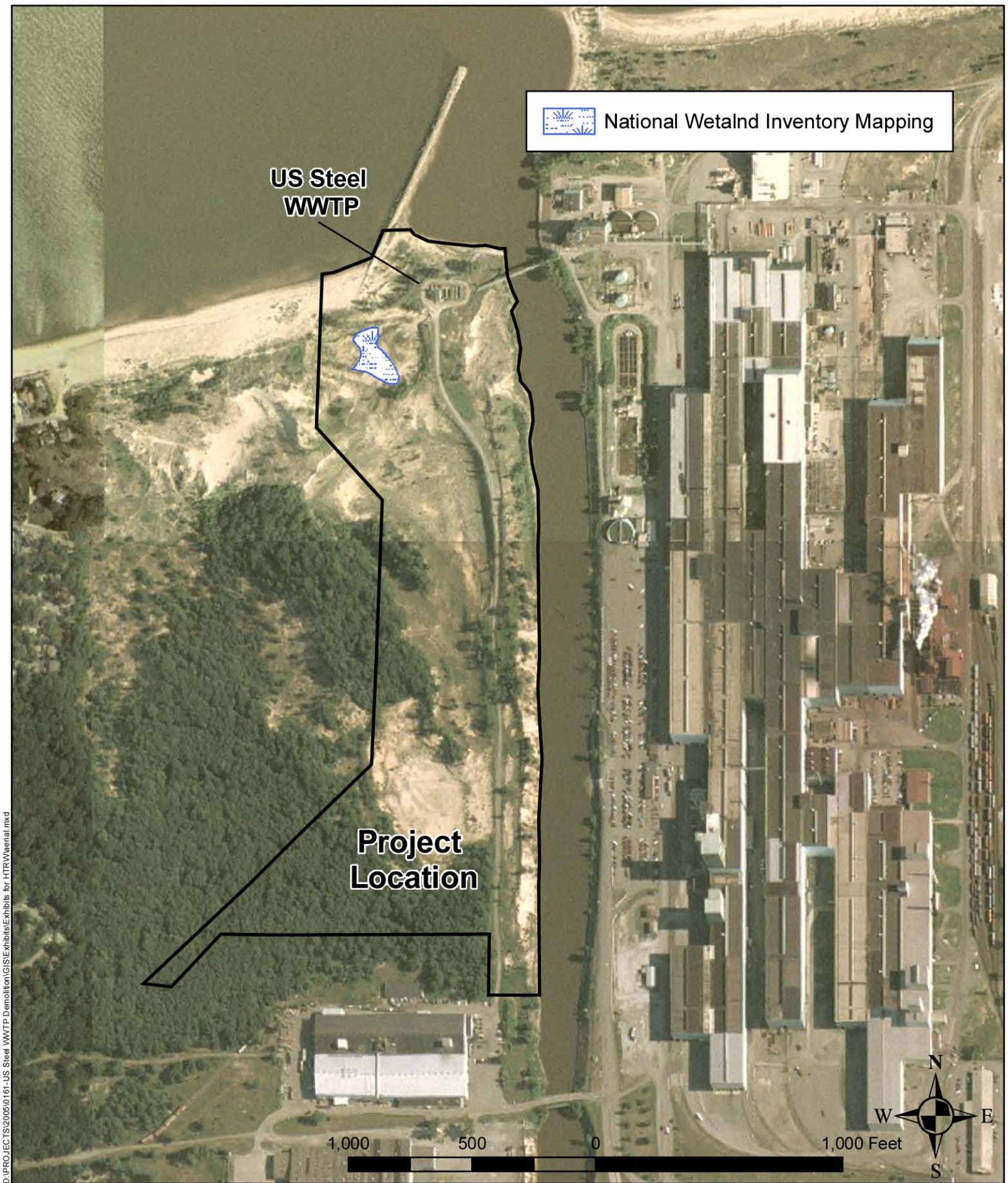
ENVIRONMENTAL COMPLIANCE.

The Product Team in coordination with the Local Sponsor will develop the Environmental Assessment (EA). A scoping letter was sent out 25 April 2005. A wetland area that has been delineated will not be affected. Any necessary permits will be obtained. Demolition activities, including the removal of asbestos containing materials and lead-based paint, will be conducted in accordance with all Federal, State, and local laws and regulations, and USACE standards. The Corps is filing for Federal Consistency review with the Indiana DNR regarding the removal of the steel pipe bridge in Burns Waterway.

SCHEDULE.

The Product Team in coordination with the Local Sponsor will develop a schedule and annual budget needs during the design phase. Initiate design and construction in FY 2005. A construction contract for this work will be awarded in late 2005. The project will proceed with successful completion of the NEPA process.





 National Wetland Inventory Mapping

US Steel
WWTP

Project
Location

1,000 500 0 1,000 Feet



D:\PROJECTS\2005\0161-US Steel WWTP Demolition\GIS\Exhibits\Exhibit for HTRW\Aerial.mxd



AMERICAN CONSULTING

Architects
Consultants
Engineers

7260 SHADELAND STATION
INDIANAPOLIS, IN 46236-3957
PHONE (317) 547-5580
WWW.AMERCONS.COM

Copyright © 2005, American Consulting, Inc.

2003 Aerial Photography

US Steel WWTP Demolition
Portage, Porter County, Indiana

May 20, 2005